

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

May 7, 2007

In re application of : Robert Manuel Carmichael  
Serial No. : 09/730,116  
Filed : December 5, 2000  
For : **ACTIVE CONTROL RELEASABLE BALLAST  
SYSTEM FOR USE WITH DIVE EQUIPMENT**  
Examiner : Ayay Vasudeva  
Art Unit : 3617  
Our File No. : 1064.8002 (1010.6817)

*OK to  
Enter  
Ayay Vasudeva  
7/5/07*

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**CERTIFICATION OF E-MAILING**

I hereby certify that this correspondence, and any attachments thereto, is being filed via electronic mail, with the Commissioner For Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

David Wiley  
Name of Person Mailing  
Paper

DAOR  
Signature

May 7, 2007  
Date

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**AMENDMENT TO FINAL OFFICE ACTION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to the Office Action dated February 6, 2007, please amend the application as follows:

**Amendments to the Claims** are reflected in the listing of claims, which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 8 of this paper.